VPN Broadband Router

With the growth of the Internet, malicious attacks are happening every minute, and intruders are trying to access your network, using expensive resources and threatening enterprise network security.

PLANET Technology is now offering users a cost effective, worry-free solution --- the PLANET VRT-401, a hardware-based, highly integrated VPN solution combining high-speed, industry-leading routing technology with a comprehensive suite of advanced, client-to-VPN gateway, LAN-to-LAN VPN solutions.

With the built-in connection wizard (DHCP, fixed IP, PPPoE, PPTP, SingTel RAS) and VPN support (IPSec standards, including IKE and certificates), the PLANET VRT-401 is able to use most connection types, and meet the most demanding security requirements. For an overall network security, the VRT-401 integrates user access control and policy based plus SPI firewall protection, offering high efficiency and extensive protection for your network.

With easy integration and full compatibility with existing network infrastructure, the PLANET VRT-401 comprises a 4-port auto-sensing, auto-MDI/MDI-X 10/100Mbps switch, a standard 10/100Base-TX WAN port and a hardware DMZ port providing additional protection for both Servers and LAN side workstations

KEY FEATURE

VPN Support
- Full IPSec Virtual Private Network (VPN) support: MD5-HMAC/SHA1-HMAC and certificate authentication, DES-CBC, 3DES-CBC encryption, Internet Key Exchange (IKE), and Manual Key Negotiation. VPN tunneling Capability of VRT-401 can be configured up to 100 virtual private tunnels over the Internet.

VPN Pass Through Support
- PCs with VPN (Virtual Private Networking) software using PPTP, L2TP and IPSec are transparently supported - no configuration is required.

Microsoft VPN Support
- Microsoft VPN uses the Microsoft VPN Adapter which is provided in recent versions of Windows. This feature can be used to provide remote access to your LAN by individual PCs. Using Microsoft VPN provides easier setup than using IPSec VPN.

LAN / Internet Access
- Share one user IP address for everyone on your LAN. In the meantime, using VPN site-to-site connectivity, branch or mobile workers are allowed to access enterprise network via secure connection from anywhere around the world.

Stateful Inspection Firewall
- All incoming data packets are monitored and all incoming server requests are filtered, thus protecting your network from malicious attacks from external sources.

Protection against DoS attacks
- DoS (Denial of Service) attacks can flood your Internet connection with invalid packets and connection requests, using so much bandwidth and so many resources that Internet access becomes unavailable. VRT-401 incorporates protection against DoS attacks.

Rule-based Policy Firewall
- To provide additional protection against malicious packets, you can define your own firewall rules. This can also be used to control the Internet services available to LAN users.

Virtual Server & Internet application capability
- The Virtual server enables the VRT-401 to share local resources such as email, FTP or HTTP servers in a more convenient way. A DMZ capability and an additional hardware DMZ port help LAN servers to act as an independent Internet node that communicates to the Internet in both directions while maintaining security for LAN users.In the meantime, the VRT-401 supports various Internet communication applications, such as interactive Games, Telephony, and Conferencing applications, which are often difficult to configure behind a Firewall.

Data Sheet

SPECIFICATION

Product	VPN Broadband Router

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Model		VRT-401*
Hardware Specification		
Ports	LAN	4 (10/100Base-TX, Auto-Negotiation, Auto MDI/MDI-X)
	WAN	1 (10/100Base-TX, Auto-Negotiation, Auto MDI/MDI-X)
	DMZ	1 (10/100Base-TX), Auto-Negotiation
LED Indicators		System: 1 (PWR), WAN port: 1 (LNK/ACT), LAN/DMZ port: 2 (LNK/ACT, 100)
Button		1; Reset / Factory Reset
Software Specification		
Protocol		TCP/IP, NAT, DHCP, HTTP, DNS, NTP
Security		Native NAT firewall, Enhanced policy-based+ SPI firewall, DoS attack Prevention, local password protection
VPN Tunnels		Up to 100
VPN Features		MD5-HMAC / SHA1-HMAC / Certificates authentication, DES-CBC, 3DES-CBC,AES encryption, Internet Key Exchange, Manual Key Negotiation
VPN Pass Through		IPSec, PPTP pass-through support
Advanced Function		Virtual Server, Special application, DMZ, UPnP, DDNS, ALG settings
Internet Access Restriction		Access Control and URL Filtering
Management		HTTP (web browser management)
Power Requirement		12V DC, 800mA.
Dimension (L x W x H)		98 x 190 x 35 **mm**
Environmental		Temperature: 10~40 Degree C (operating) Humidity: 10 to 90% (non-condensing)
Emission		EMI: FCC part 15, CE / PTT: FCC part 68

Remark: Hardware version 2, RoHS complied.

APPLICATIONS

Ease of use VPN and Internet access:

The VRT-401 VPN connectivity supports client-to-VPN gateway and VPN LAN-to-LAN connections. Using these connection capabilities, mobile workers may attach to and access LAN resources from the public Internet while they are working at home or at branches abroad. The NAT and router capabilities provide full connection sharing abilities.

Multiple use of LAN to LAN/WAN access:

Up to 100 concurrent VPN tunnels are supported, allowing a widespread multi-node corporate network. All corporate offices can deploy a VRT-401 and establish secure connection with headquarters and share resources and information through the Internet in a safe and secure way..
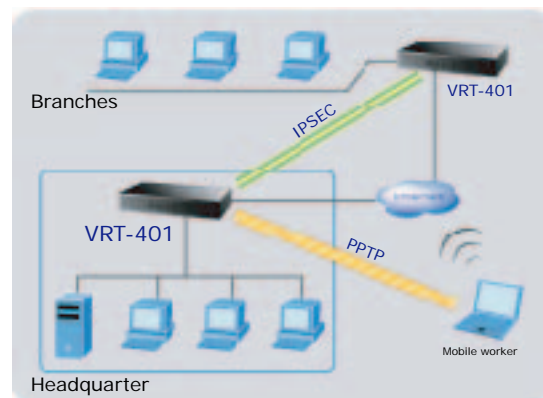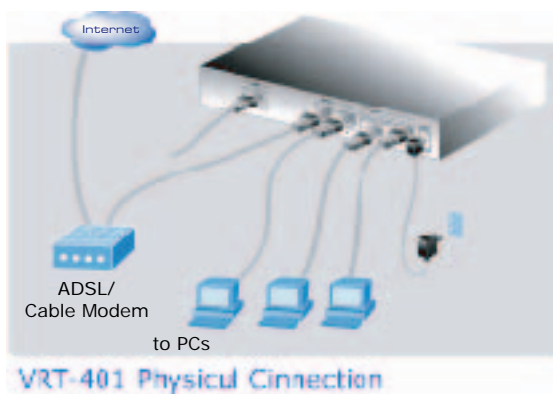
ORDERING INFORMATION

VRT-401	Broadband VPN Router (4-port LAN, 1-port WAN, 1-port DMZ; up to 100 VPN tunnels)

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